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Wildlife Research and Management Leaflet BS-4

Washington, D. C. * Rev., December 1938

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1612F. Propagation of Aquatic Game Birds.
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1102F. The Crow in its Relation to Agriculture.

Farmers' Bulletins - Continued.

1644F. Local Bird Refuges.
1682F. Usefulness of Birds on the Farm.
1709F. Pocket-Gopher Control.
1716F. Mole Control.
1719F. Improving the Farm Environment for Wildlife.
1730F. Rabbit Production.
1759F. Game Management on the Farm.
1768F. Trapping and Transplanting Live Beavers.
1777F. Diseases of Fur Animals
1781F. Diseases of Upland Game Birds.
1783F. Feeding Wildlife in Winter.

Leaflets:

21L. Woodchuck Control in the Eastern States.
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*50L. How to Make a Cat Trap. 5¢
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61L. English Sparrow Control.
65L. Red-Squill Powder in Rat Control.
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94L. Hints on Mountain Lion Trapping.
96L. Protecting Poultry from Predacious Birds.
109L. Eliminating Bats from Buildings.
120L. Excluding Birds from Reservoirs and Fishponds.
132L. Den Hunting as a Means of Coyote Control.

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*1514Y. Fur Scarcity through Overtrapping Impends; Conservation Needed. 5¢
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1519Y. Waterfowl Problems Clarified by Study of Gunning Practices.
1520Y. Waterfowl Restoration Program Undertaken by the Government.
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*50. Revision of American Lemming Mice. 10¢
*51. Taxonomic Review of American Long-Tailed Shrews (Genera Sorex and Microsorex). 50¢
*53. Mammals of New Mexico. $1.00
*54. Alaska-Yukon Caribou. 20¢
*55. Mammals and Life Zones of Oregon. 75¢
*56. Revision of the North American Ground Squirrels. 40¢

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*61BSC. Hawks and Owls from the Standpoint of the Farmer. 5¢
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*107C. The Normal Breeding Season and Gestation Period of Martens. 5¢
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460C. Silver Fox Pelt Prices as Affected by Time of Pelting, Sex, and Age.
474C. Muskrat Investigations in Dorchester County, Md., 1930-34.

Miscellaneous Publications:

*88M. The United States Department of Agriculture: Its Structure and Functions (with chapter on the Biological Survey). 15¢
*115M. Information for the Guidance of Field Men and Cooperators of the Bureau of Biological Survey Engaged in the Control of Injurious Rodents and Predatory Animals. 5¢
127M. Peafowl and Their Care.

Miscellaneous Publications - Continued.

*145M. Policies of the Bureau of Biological Survey Relative to the Control of Injurious Birds. 5¢

*195M. A Plan for the Management of Brown Bear in Relation to Other Resources on Admiralty Island, Alaska. 5¢

*207M. Raising Reindeer in Alaska. 5¢

270M. Post-Mortem Examinations of Wild Birds and Mammals.

289M. Utility of Jack Rabbit and Cottontail Skins.

291 M. Teaching Conservation of Wildlife Through 4-H Clubs.

329M. Officials and Organizations Concerned with Wildlife Protection, 1938.

## BIOLOGICAL SURVEY SERIES OF MIMEOGRAPHED LEAFLETS

Note.--For leaflets listed below, address the Chief, Bureau of Biological Survey; U. S. Department of Agriculture, Washington, D. C., requesting not more than 10 copies in all.

### Birds

BS-1. Winter Food of Ruffed Grouse in New York.

BS-2. Aids for Bird Students.

BS-6. Publications on Cage Birds.

BS-8. Publications on Attracting Birds.

BS-11. Birds Aid Blueberry and Cranberry Growers.

BS-13. Protecting Grain Crops from Damage by Wild Fowl.

BS-27. A Cage Trap Useful in the Control of White-necked Ravens.

BS-30. Economic Ornithology and the Correlation of Laboratory and Field Methods.

BS-39. Report on the Arnett, Oklahoma, Experimental Quail and Prairie Chicken Management Project.

BS-41. Fruits Attractive to Birds--Northwestern States. Region No. 1 (Washington, Oregon, and Idaho).

BS-42. Fruits Attractive to Birds--Rocky Mountain States. Region No. 2 (Montana, Wyoming, and Colorado).

BS-43. Fruits Attractive to Birds--Northern Plains States. Region No. 3 (North Dakota, South Dakota, Nebraska, and Kansas).

BS-44. Fruits Attractive to Birds--Northeastern States. Region No. 4 (Minnesota, Wisconsin, Michigan, New York, Vermont, New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Iowa, Illinois, Indiana, Ohio, Pennsylvania, New Jersey, West Virginia, Maryland, Delaware, Missouri, Kentucky, and Virginia).

BS-45. Fruits Attractive to Birds--California. Region No. 5

BS-46. Fruits Attractive to Birds--Great Basin States. Region No. 6 (Utah and Nevada).

BS-47. Fruits Attractive to Birds--Southwestern States. Region No. 7 (Arizona and New Mexico).

BS-48. Fruits Attractive to Birds--Southern Plains States. Region No. 8 (Texas and Oklahoma).

BS-49. Fruits Attractive to Birds--Southeastern States. Region No. 9 (Arkansas, Tennessee, North Carolina, Louisiana, Mississippi, Alabama, Georgia,

BS-49. and South Carolina).

BS-50. Fruits Attractive to Birds--Florida. Region No. 10.
BS-53. Birdbanding
BS-64. Protecting Crops from Damage by Horned Larks in California.
BS-76. Some Suggestions for Bird Field Study.
BS-77. The Wild Turkey on the Missouri Ozark Range. (Preliminary Report.)
BS-81. Suggestions fro Combating Starling Roosts.
BS-83. Birds in Relation to Fishes
BS-84. Food of the Scaled Quail. )Preliminary Report.)
BS-93. The Controlled Hunting Areas and the Pheasant Refuge-Management System in Northwestern Ohio.
BS-96. Blackbirds and the Rice Crop on the Gulf Coast.
BS-111. The Waterfowl Situation: 1937-38.
BS-121. Two Home-made Traps for English Sparrows.
Bi-160. Dealers in Devices for Attracting Birds.
Bi-203. Publications of Interest to Game Breeders.
Bi-259. Dealers in Wild-duck Food Plants.
Bi-458. Dealers in Game and Ornamental Birds.
Bi-489. Methods for Eradicating Objectionable Roosts of Birds.
Bi-521. Hints on the Care of Parrots.
Bi-631. Dealers in Cage Birds and Cage-bird Supplies.
Bi-1281. Preliminary Report on Study of Raven's Food.
Bi-1297. Winter Food of the Ruffed Grouse in the Northeast.

## Fur Animals

BS-20. What Shall We Feed Our Pelters?
BS-25. Fur Resources--the Stepchild of Conservation.
BS-32. Raising Badgers in Captivity.
BS-34. Raising Raccoons.
BS-35. Raising Muskrats.
BS-36. Publications on Fur and Fur Animals.
BS-40. An Automatic Drinking Fountain for Minks.
BS-58. Classification and Price Trends of Silver Fox Skins.
BS-60. Feeding the Weaned Minks.
BS-63. Raising Martens in Captivity.
BS-66. Polygamous Mating of Foxes.
BS-69. Fur Farming in Perspective.
BS-75. Raising Otters in Captivity.
BS-80. Feeding and Caring for Squirrels.
BS-82. Mink Raising.
BS-112. Tankage and Livermeal as a Summer Feed for Adult Minks.
BS-118. Abstract of Fur Laws, 1938-39.
Bi-128. Hints on the Care of Ferrets.
Bi-180. Hints on the Care of Opossums.
Bi-1053. Ear Mange in Foxes: Its Treatment and Eradication.
Bi-1190. Raising Chinchillas in Captivity.
Bi-1453. Publications on the Selection and Care of Furs.

## Rabbit Raising

BS-22. Feed Requirements in Raising Weaned Rabbits to a Weight of 6 Pounds.
BS-28. Feeding Schedule for Rabbits.
BS-31. Average Weight of Rabbits at Weaning Age.
BS-55. Pertinent Facts on the Angora Wool Rabbit.
BS-56. Periodicals on Rabbits and Cavies.
BS-65. Relative Weights of Young Rabbits and Does During the Suckling Period.
BS-73. Inheritance of "Wholly" in Rabbits.
BS-74. Nail Keg Nest Box.
BS-79. Vent Diseases of Domestic Rabbits.
BS-85. Self-feeding System for Market Rabbits.
BS-86. Sanitation in Domestic Rabbitries.
BS-89. Infectious Myxomatosis of Domestic Rabbits.
BS-90. Hemorrhagic Septicemia of Domestic Rabbits: Contagious Nasal Catarrh (Snuffles), Subcutaneous Abscesses (Boils), and Other Forms.
BS-101. Principles of Breeding Rabbits.
BS-102. Salt Requirements of Rabbits.
BS-114. Care of Rabbits During Warm Weather.
BS-116. Suggestions for Control of Coccidiosis in Rabbits.
Bi-994. Rabbit Manure as a Fertilizer.

## Injurious Animals and Their Control

BS-10. The Possibility of Secondary Poisoning from Thallium Used in the Control of Rodents.
BS-54. Rodent Control Aided by Emergency Conservation Work.
BS-59. Directions for Organizing and Conducting Rabbit Drives.
BS-62. Suggestions on Trapping Coyotes and Wolves in Alaska.
BS-70. Poisonous Snakes of the United States.
BS-78. Directions for Destroying House Mice.
BS-91. Research Studies in the Control of Destructive Mammals.
BS-103. Facts About Snakes.
BS-113. European and American Methods of Rat Control.
BS-115. Cultural and Other Methods for the Control of Injurious Wildlife.
BS-117. Protecting Orchard Trees from Deer.
Bi-770. Directions for Destroying Crawfishes.
Bi-889. Publications on Trapping.
Bi-1028. The Effect of Poisons Used in Rodent Control on Grouse, Pheasants, and Quail.
Bi-1162. Directions for Poisoning Thirteen-Striped Ground Squirrels.
Bi-1163. Directions for Controlling Tree Squirrels.
Bi-1289. Directions for Using Poison in Chipmunk Control.

## Miscellaneous Subjects

BS-5. Tularemia, an Animal-borne Disease.
BS-9. Infectious Diseases as a Cause of Loss in Wildlife.
BS-12. The Present Plight of the Jackson Hole Elk.
BS-14. Planting for Wildlife in the Corn Belt.
BS-15. Planting for Wildlife in the Cotton Belt.
BS-17. Wildlife of the Atlantic Coast Salt Marshes.
BS-29. Directions for Preservation and Care of Material Collected for Food Habit Studies.

BS-33. Forestry and Game Management.
BS-37. The Correlation of Forestry and Wildlife Management.
BS-38. Cooperative Research in Wildlife Management--A Summary of the Project to February 15, 1936.
BS-52. Raising Guinea Pigs.
BS-57. Marking Wild Animals for Identification,
BS-61. Sullys Hill National Game Preserve, North Dakota.
BS-67. Wildlife Technology.
BS-71. Wildlife in Land Planning.
BS-72. Check-list of Marsh and Aquatic Plants of the United States.
BS-87. Some Accomplishments of the Cooperative Research Units: A Summary to January 31, 1937.
BS-92. The American Chameleon and Its Care.
BS-95. Preserves and Ranges Maintained for Buffalo and Other Big Game.
BS-98. Colleges and Universities Offering Courses in Wildlife Management, 1937-38.
BS-99. Disease as a Factor in Game Fluctuation.
BS-100. Annotated List and Index of Leaflets BS-1 to BS-100.
BS-104. The Status of Wildlife Research: 1937.
BS-105. The Federal Aid to Wildlife Restoration Act.
BS-106. Report on Extension Work in Wildlife Conservation to December 1937.
BS-107. Planning for Wildlife Management--An Outline.
BS-108. History and Significance of American Wildlife.
BS-109. Fort Niobrara Game Preserve, Nebraska.
BS-110. Status of Eelgrass (Zostera marina) on the North Atlantic Coast, February 1938.
BS-119. The Coordination of Mosquito Control with Wildlife Conservation.
BS-120. Botulism, a Recurring Hazard to Waterfowl.
Bi-263. Hints on the Care of White Mice and Rats.
Bi-664. The Toad.
Bi-1018. Acquisition of Land by Purchase, Gift, or Lease Under the Migratory Bird Conservation Act of February 18, 1929.
Bi.1205. Dealers in Reptiles
Bi-1250. Food of the Gray Fox.
Bi-1251. Food of the Red Fox.
Bi-1274. Raising Deer in Captivity.